

South Georgia - VP8 As of Jan. 31, Reg VP8BPZ says his trip to South Georgia is cancelled. "Other priorities for the boat," he says. Should this change, look for him to sign VP8BPZ/A.

Christmas Island - T32 Don Simon W6PQS will be on as T32BG Feb. 17-24 from OC-24, the Pacific Christmas Is. He'll stress RTTY, but will hit other modes as well, especially 75 meters. Watch 14090, 21090, and 28090, listening up 5-10, and 3790, listening up 5. Sunrise 1639, sunset 0436Z. QSL home call.

Auckland Is. ZL9 ZL9AMO and others are due on now for about two weeks.

Navassa - KP1 Look for N2EDF/KP1 on SSB and N2GS/KP1 on CW and RTTY 160-10M starting Feb. 10, with 2 or 3 stations running. QSL to N4GNNR. Contributions are requested.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Lord Howe - VK9L DJ5CQ and DL8NBJ will be on as VK9LM and VK9LF starting Feb. 10 for about two weeks. Feb. 14-21 they'll sign VI9LM and VI9LF in honor of the 200th anniversary of Lord Howe (OC-04). All bands, CW and SSB, but beware 'insurance' QSOs. Multiple contacts as found by computer duping may prevent confirmation. Award for 3 QSOs (on different bands!) QSL DJ5CQ. Sunrise 1905, sunset 0805Z. [Tnx DX-NL.]

DXCC News

The DX Advisory Committee has voted 15-0 in favor of adding Western Sahara S0 as a New One to the DXCC list. Start date from the start of RASD. The ARRL Hq. Awards Committee must now vote on the matter.

Naama S01A has been quite active recently as S0RASD, after getting his rig fixed. He's been in nets on 14183 kHz at 1800Z, and 14247 kHz at 1400Z.

Reserve Your Island

- Montserrat Jim Cain K1TN will operate as VP2MDC Feb. 15-29, including ARRL CW. QSL to Box DX, Andover CT 06232, not Callbook address.

- Puerto Rico Chip Margelli K7JA will operate from KP4A for ARRL CW.

- Cayman Is. ZF2KE is the ARRL CW contest call for K9DX, in the multi-op category. ZF2HM (K9RS) and ZF2BB (K9HMB) will be on Feb. 16-24, outside the contest.

- Galapagos Bob N6EK will be on as HD8D ARRL DX CW and SSB, and the CQWW 160 SSB contests. From Feb. 17-Mar. 6, he'll sign N6EK/HC8, expect for contests. On Mar. 1, watch 1830 kHz at 2330Z. QSL home call.

- Barbados K3KG, K3ZR, and K4FJ will be on as 8P9X in the ARRL SSB test. QSL to K4FJ.

- Belize John WC0W will be on as V31TP Feb. 11-22, including ARRL CW. Watch 25 kHz up on CW, and 7085 on SSB. QSL home call.

- Madeira W2ZZ will be on as CT3CU in both ARRL tests. QSL home call. [Tnx Inside DX.]

Shortly Noted

- VK0HI on Heard will be there to Feb. 27. He continues to favor 14215 kHz at 0400Z, in a list, but sometimes free-style.

- John W1BIH/PJ2 is very active on all bands as always (see Bandpass.) QSL W1AX.

- XX9CT should be on Feb. 13 on 14226 kHz at 2300Z.

- Andy VP8BNC likes 14215.5 kHz at 2330-0000Z. QSL to Base Signy, Stanley, Falklands, South Atlantic.

- John A92EM has replaced his 2-element quad with a Cushcraft A-4 tribander as of the end of January. He wants comparison signal reports before and after the switch. He'll be in A9 to May before moving to Oman. Try 14020-25 kHz 1330-1400Z.

- Regulars: BY4RB 14020-03 or 14180-90 0030-0100Z daily; LU1ZA 14022 0030-0100Z; 9Q5DA 15 M CW after 1830Z; 9Q5NW 15 M SSB, also after 1830Z.

- 20 M SSB Net Regulars: 3B8FP 5H3RB 5T5NU 5X5GK A22RB KC6HA PY0FF SV9/SV0AC TJ1CH TL8HW and TR8JLD, especially Snookie's net on 14183 kHz at 1800Z.

Low Band News

160 Meters: HZ1HZ has been on 1823 kHz at various times, and KX6DC seems to favor 1832 kHz at 1215-1240Z. 9Q5NW is on 160, and listens 30 minutes before his sunrise, which is at 0410Z.

80 Meters: HZ1HZ on 3510 kHz; 3B8CF 3508 kHz at 0145Z; ZS5LB 3506 at 0300Z; and TU2QQ on 3795-3800 kHz are regulars.

40 Meters: 3B8CF 7006 0230-0300Z; 9Q5DA 7004 at 04-0500Z; FT5ZB 7004 0000Z and 1230Z; and TA4A 7006 0300Z are on often.

PROPAGATION

QSL INFORMATION

Forecast and Historical Data									
Day Forecast		27 Days Before				55 Days Before			
February		Date	Flux	A	K	Date	Flux	A	K
5	High Nor	1/9	111	05/09	0	12/12	98	09/12	2
6	High Nor	1/10	104	03/07	1	12/13	94	03/06	2
7	High Nor	1/11	108	11/15	2	12/14	94	01/06	0
8	Low Normal	1/12	114	18/23	3	12/15	97	11/13	4
9	High Nor	1/13	117	07/10	2	12/16	99	25/51	3
10	Below Nor	1/14	118	18/28	4	12/17	95	13/20	3
11	Disturbed	1/15	122	43/86	4	12/18	93	08/10	1
12	High Nor	1/16	127	08/10	1	12/19	91	08/12	3
13	High Nor	1/17	120	05/10	3	12/20	91	07/09	1
14	High Nor	1/18	115	07/14	1	12/21	94	06/21	2
15	High Nor	1/19	118	10/16	3	12/22	91	20/27	3
Thanks N4XX and KH6BZF									

Thanks N4XX

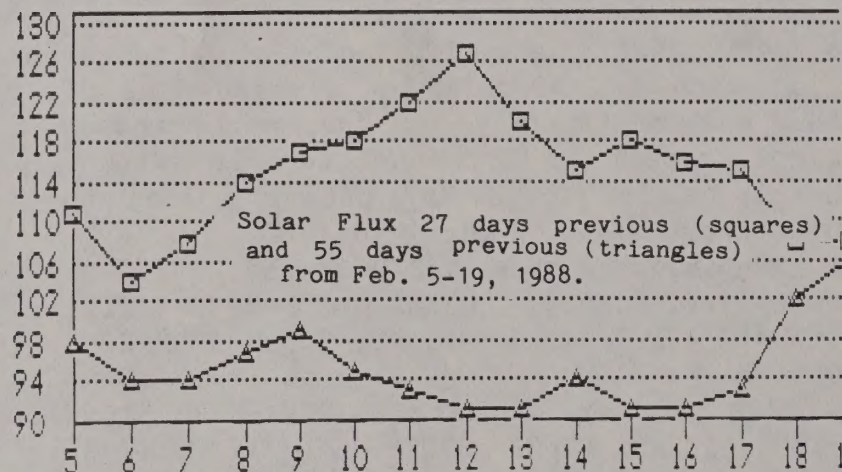
and KH6BZF

Propagation Watch

As predicted, the last half of January was an excellent time to hunt DX. Solar flux stayed in the 100-110 range, with very low absorption. The Boulder A-index stayed below 10 for all but two days of the period, and even the planetary A-index was very low. This combination makes for good long-haul propagation, and very good low-band conditions. Let's hope we get a repeat in the second half of February, especially for the ARRL CW contest Feb. 20-21.

The near-term outlook is more unsettled. If solar conditions repeat this solar revolution, we can expect increased absorption Feb. 8, and again Feb. 10-11. The disturbance of Jan. 15 pushed the planetary A-index to 86, and the K-index to 8, essentially wiping out DX. Look for band conditions to improve after that date, and perhaps just before the solar storm hits.

As can be seen from the graph of solar flux below, the sun can change dramatically from one revolution to the next, especially at this early stage in the sunspot cycle. While this makes propagation predictions difficult, it does provide excitement for the DXer. Check WWV at 18 minutes after the hour, and, of course, tune around the bands for the latest word on DX conditions.



Stratwarm

WWV occasionally mentions a Stratwarm alert, and DXers notice that despite high flux and low absorption, the bands seem to be dead, especially low latitude paths. Stratwarm alerts occur when the sun "overheats" the lower ionosphere (D-layer), increasing turbulence, and allowing many oxygen molecules to rise into the higher F-layer. The oxygen molecules react with the ions in the F-layer, causing them to recombine into molecules, reducing the ion density of the F-layer. Since it is these ions that refract radio waves back to earth, the Stratwarm significantly lowers the Maximum Usable Frequency (MUF). [Thanks to Dr. Ken Davies of the SESC, and the Mile Hi DX Asso.]

DX CALL	QSL TO	DX CALL	QSL TO
3B8DB	K5BDX	KH2F	N2AU
3C1MB	EA7KF	KK6X/VP5	KK6X
3X0A	I8YGZ	KN5X/J3	KN5X
3X0HBR	DL5LAY	LU1ZA	LU2CN
4U1UN	NA2K	N3JT/HK0	W2GHK
4X1FQ	4X4FQ	N8BJO/J6L	W8IMZ
4X6KF	K3STM	NY6M/NH4	NY6M
5H3BH	SM0EAI	OF8SR	OH8SR
5L2AY/25	N5GAP	OH6XY/4U	OH3TY
5L7M	OH3XT	OK1XC/JT	OK1XC
5N1MRE	K4ZKG	OX3KM	F6FNU
5N9/KC7RD	KE2BH/WB2YWH	P40GD	N2MM
5T5CJ	W4BAA	R1BL	UB4LXO
5T5EV	DL3KCE	RG0G	UG7GWA
5T5NU	F6FNU	S42CA	ZS2JL
5V7WD	WB4LFM	S79WS	DJ6QT
5Z4DU	KE4DA	T32AF	KH6UR
8P9HT	K4BAI	TJ1CH	F6FNU
9H1FBS	N5APW	TL8CK	F6EWM
9J2EZ	I4FGG	TR8JLD	AK1E
9L1SB	KA4GYU	TR8SA	F6FNU
9M6ZR	WA2HZR	TU2QQ	F6FNU
9N1MC	G4UCB	TU2QW	F6FNU
9Q5BG	F5JT	TV6BAZ	F6AUS
9Q5DA	KC4NC	TZ6VV	N0BLD
A22BW	DK3KD	UA3CR/VE8	VE3CDX
A22RB	KA3OYZ	V2AZL	W2HWS
A35PP	ZL4QS	V31EE	WB9JKI
A71BK	KI4GV	V31EJ	KB0G
AP2SQ	W3HNC	V31FQ	W0JLC
AY2FFV	LU2FFV	V31JD	K0RWL
C9MKT	SM5KDM	V31JJ	KB0U
CN8FC	WA4QMQ	V31MZ	KD2EU
CO5GV	W3HNC	V47Z	W4MGX
CT3EU	G3PFS	VE8CDX	VE3CDX
D68AM	WB2OHD	VP2VA	VE3MJ
DX1A	DU1AU	VP5W	WW6F
FH4EC/FR/G	F6FNU	VP8BKK	G4RHA
FM4DS	F6FNU	VP8BNO	G3LZQ
FR/G/FH4EC	F6FNU	VP8BNW	G3JKX
FT5ZB	F6EYS	VP8BPZ	GW8VHI
FY/OH2MM	OH2MM	VS6DO	WA3HUP
FY5YE	W5JLU	WA2VDT/KP2	WA2VDT
H25JE	5B4JE	WD8IXE/J6L	WD8IXE
HI500UD	HI8UD	WY5L/KH3	N5DAS
HK0HEU	HK0FBB	XF1C	WB6JMS
HL9EP	K0VZR	XX9G	PA0GMM
HZ1AB	K8PYD	YJ0A	K5BDX
J28EO	F6FYD	YZ1U	YU1ABH
J6LRU	W8ILC	ZD7AF	N2AU
J6LRV	K6GXO	ZD7JD	KA1DE
J6LRW	W8IMZ	ZD9BV	W4FRU
J79MD	N4CRU	ZF2AG/ZF8	N8AG
J88BK	WN5K	ZF2DR	K5RQ
JW5E	LA5NM	ZF2LQ	LA4HW
K2IBW/FJ	K2IBW	ZK1TB	W7TB
KC6CS	JE1JKL	ZK1XE	OH1RY
KC7RD/5N9	KE2BH/WB2YWH	ZK1XR	WA7RVA
		ZK1XS	VE7RG
TV6BAZ	F6AUS	VP5DG	WN5K/KA5RGE
TV9DX	FD1DBT	VP8BNW	G3JKX
TZ6FIC	FE6CRS	VP9AD	W3HNC
UA1OIL/U1P	UA1OMW	VS6DO	WA3HUP
V44KI	N0DH/4	VS6UA	W2YM
V47Z	W4MGX	VU2TTC	W8XM
VE2LJ	VE3JDO	VU2ZAP	W3HNC
VE3OZB/VP9	VE3OZB	VU40NTA	N2AU
VK9LB	VK2BCH	WB4PJW/VP5	WB4PJW
VO1QST	VO1AW	WY5L/KH3	N5DAS
VP2VDX	KT6V	XE2GKG	YASME

BANDPASS

Reports Wanted,
Especially RTTY, 30 meters

-----RTTY-----

9Q5BG	14083	1945	25	CA
AP2SQ	14080	1430	16	OH
CO2BB	14090	1935	24	CA
EA6VH	14086	1810	24	CA
FY5AU	14086	2040	16	OH
HP1/KOKJ	14092	2015	16	OH
PZ5RC	14089	1625	16	CA
SV5OS	14091	1624	20	MA
TG9VT	14095	1930	16	OH
TI2OY	14085	0123	24	CA
V31AB	14082	0100	23	CA
V44KAR	14096	2320	26	CA
ZS1QK	14097	2050	16	OH

-----160 Meters-----

4N4Y	1835	0010	23	MA
4X4NJ	1832	0400	27	IL
5B4OA	1841	0141	23	NH
6W6JX	1833	0035	21	MA
9M2AX	1835	2320	23	MA
EI8H	1840	0018	23	MA
HG5A	1838	0306	25	NH
HKOBKX	1833	0515	23	MO
HZ1HZ	1828	0011	26	VA
J56AS	1840	0000	26	VA
KH6CC	1824	0625	23	AL
KX6DC	1833	1216	27	AL
LZ1KVZ	1833	0225	21	FL
LZ1XL	1832	0232	22	NH
OH0/W2GD	1833	0130	26	MO
OL8CSR	1836	0314	19	NH
OX3CS	1835	0700	23	AL
PJ2/	1830	0310	24	FL
W1BIH				
PZ1DT	1833	0447	27	IL
SV1NA	1837	0440	23	MA
UG6GAW	1834	0405	23	AL
UL7ACI	1834	0200	19	CT
Y33VL	1823	0636	23	AL
YN3EO	1832	0423	24	FL
YO2IS	1827	0142	24	AL

-----80 Meters-----

3B8CF	3508	0150	23	IA
4KOE	3506	0816	24	IL
5B4/	3503	0010	19	MA
OE5CA				
5NOELT	3509	2200	13	NH
9M2AX *	3505	2205	16	MA
H44JA	3511	1155	16	NH
HKOBKX	3505	0004	23	KY
HZ1AB	3507	1450	16	WA
HZ1HZ	3506	0100	26	FL
J56AS	3506	2300	22	CT
OH0/W2GD	3501	0100	25	AL
PJ2/	3504	0045	20	KY
W1BIH				
PZ1AV	3511	0120	22	MA
RO4OA	3509	046	16	MO
SV1DO	3504	2300	24	AL
TA4A	3501	0128	25	MA
UAOFM	3500	1230	11	TX
UA2FDS	3503	0147	22	FL
UA2FX	3504	0508	16	MO

UA9CI	3501	0354	16	MA
UF6FBI	3509	0040	16	MD
UH9UCO	3501	1055	17	NH
UP2BIP	3523	0523	16	MO
UR1RWX	3510	0342	24	MA
UV9FM	3508	0450	21	MD
UZ0ZWC	3502	1115	17	NH
VK5KL	3501	1204	17	NH
YN3EO	3502	0250	19	CT
ZS5LB	3506	0300	17	TX

-----75 Meters-----

5B4OA	3795	0125	22	NH
5NO/N4NW	3795	0312	15	ME
5T5NU	3796	2226	21	PA
9M2AX *	3793	2240	16	PA
C31SD	3800	2302	24	NH
CX1TE	3799	0435	15	ME
FJ5BL	3799	2302	16	PA
J56AS	3793	2235	20	PA
OD5VT	3794	0435	16	MO
T32AB	3795	0456	22	NV
T77V	3794	0524	24	NH
TU2QQ	3793	2255	22	IA
YBOWR	3799	2300	14	ME

-----40 Meters-----

3B8CF	7006	0320	26	IA
4K1J	7003	0249	19	MT
4S7RO *	7001	1230	21	AL
4S7WP	7002	0115	26	FL
9Q5DA	7004	0410	23	CA
A22BW	7004	1613	25	OR
BV2A	7002	1637	26	OR
CE0ZIF	7008	0355	18	MO
CO2VG	7004	0440	19	MT
CX6BV	7009	0145	15	GA
FK8EJ	7004	0733	24	CA
FO0AQ	7007	0446	19	MT
FT5ZB *	7006	1227	25	AL
FY4EE	7009	0817	23	CA
GW3YDX *	7003	1536	24	ID
HA3NU	7006	0447	24	AZ
HC5AI/3	7006	1121	20	MI
HP1/KOKJ	7013	0816	24	NH
HZ1AB	7012	0140	15	GA
J37AE	7009	1245	23	MN
J56AS	7003	2330	17	MA
KH3/WY5L	7006	0542	26	CA
KX6/	7004	1611	28	O R
DL1VU				
OH0/W2GD	7006	0130	26	MO
PJ2/	7002	0127	21	PA

W1BIH

RM8MA	7001	0249	28	OR
SV1DO *	7007	1532	24	ID
TA4A	7006	0310	26	IA
TR8JLD	7004	0510	26	CA
UC2OAR	7006	1502	18	WA
UD6NKV	7005	0409	19	WA
UL7Q/	7006	1141	16	MD
UM8MBX				
UT4UI *	7006	1439	18	WA
V85AA	7008	1621	26	OR
VP5/WOYR	7003	0413	18	CA
VP5JIL	7197	0250	19	NH
VP8BFM	7004	0138	22	CA
VU2IIT	7003	1255	16	MD
VU2RCK *	7006	1225	21	AL
VU2TEC	7007	1243	23	MN
VU2TJW *	7004	1245	16	MD

YC3HCM	7004	1158	15	GA
YN3CC	7003	0300	15	OH
ZS1AAX	7007	0343	25	AZ

-----30 Meters-----

CO2AX	10101	2157	22	CT
FG5XC	10106	2140	16	PA
JA1IFP	10101	2019	23	CT
VP5/WOYR	10101	0331	20	CT

-----20 Meter CW-----

4KOE	14011	1403	24	FL
4K1J	14005	2233	25	KY
4S7WP *	14001	1255	18	MA
5NO/	14020	2305	26	FL
JG1FVZ				
5U7AU	14004	2215	24	IA
9L1GG	14012	2143	21	ID
A92EM *	14021	1349	24	MN
BY4RB	14020	0028	24	MN
FT5ZB *	14014	1535	30	FL
HKOBKX	14006	1904	22	KY
HL1LW	14013	0027	23	MN
J52US	14020	2230	28	CA
LU1ZA	14023	0032	20	MO
P43SF	14009	2145	23	PA
PJ2/	14025	1236	25	VA

W1BIH

RI8BN	14019	1320	23	FL
TT/	14041	2103	24	PA
FD10HQ	14018	2030	27	NV
UG6GG	14005	1310	30	FL
UG6GRA	14016	1313	23	FL
V31EK	14005	2215	22	PA
VK3MJ *	14026	2110	23	CT
VK9YA *	14025	0051	27	FL
VS6BL	14014	1239	19	MA
VU2AJ	14020	1330	18	GA
VU2TTC *	14018	1320	30	FL
YBOATA	14031	0013	25	VA
YBOATA *	14023	0037	19	MO

-----20 Meter SSB-----

3A2EE *	14212	1638	23	OR
3D2ER	14205	0515	22	FL
4KOD	14178	2341	24	MA
5B4/ *	14156	1615	16	CA
OE5CA				
5B4JE *	14215	1500	18	CA
5N1MRA	14208	2055	16	NC
5T5NU	14190	2015	15	GA
5V7WD	14161	2305	14	GA
5X5GK	14169	2155	16	MA
5Z4PT	14183	2119	9	GA
6W100JN	14196	0036	27	MA
6W100AD	14224	2214	21	NC
7P8DP	14217	0450	26	CA
9J2EG	14222	2334	21	MT
9K2DZ *	14186	1434	21	MA
9N1MC *	14165	1225	19	MA
9N1MM	14191	0125	23	NV
9Q5NW	14179	2120	25	CA
9V1WU *	14165	1210	20	MA
A22RB	14165	2109	24	MO
A4XKJ	14159	1406	16	IL
A92EM	14162	1415	17	IL
AP2ASA	14210	1348	16	MD
AP2SQ *	14172	1530	17	CA
BY4RB	14189	2346	24	VA
C53FJ	14224	2147	23	MA
DU9RG	14192	0006	25	MO
HKOBKX	14160	2310	15	NC
J52US	14155	1320	20	AL
JY9LC	14183	1915	19	PA
KC4AAA	14306	0413	21	NH
KC4VSV	14301	0542	20	FL
KG4SM	14193	0043	21	CT
S92LB	14183	2015	22	CT

T5GG	14180	1740	15	GA
T5GG	14201	2146	18	NH
TL8HW	14222	2005	19	MI
TL8HW	14183	2029	19	NH
TR8CR	14226	1900	19	MA
TR8SA	14169	2147	22	NC
TU4BU	14193	2055	23	MO
UG7GWO	14175	1445	24	IL
VK0HI	14215	0424	26	KY
VK6UG *	14202	2243	21	NH
VU2NR *	14222	1245	18	MA
XT2AT	14188	2330	25	MD
Z21CL	14177	1919	26	MA
Z21JE	14226	2010	15	NC
ZD7AF	14187	0014	17	WA
ZD8MG	14164	2100	21	MA

-----15 Meter CW-----

5U7/	21038	1654	40	KY
TU4BR				
9J2EZ	21020	1835	16	MA
9Q5DA	21022	2010	25	KY
CN8FC	21032	1645	17	NE
CU2AT	21024	1738	20	IN
EL2/EL6D	21044	1630	17	NE
FG5BM	21020	1320	22	CT
HKOBKX	21018	1843	22	KY
T77C	21021	1557	20	KY
TR8JLD	21004	2145	18	GA
TU2JT	21064	1750	16	MA
VP8BFM	21018	1418	16	MA

-----15 Meter SSB-----

3D6AN	21350	1757	18	FL
3D6BW	21290	1655	22	IA
5B4MF	21267	1447	25	NH
5H3RB	21334	1834	18	MA
5NOWRE	21245	1706	23	MN
5N9/	21265	1625	16	CA
KC7RD				
5T5RA	21312	2213	23	MO
5V7WD	21325	1408	20	GA
6W7OG	21264	1732	24	MI
7P8DP	21218	1645	22	IA
9J2WS	21233	1841	21	NC
9Q5DA	21276	1910	22	CT
9Q5NW	21250	1829	18	MA
9X5NH	21293	2010	23	MA
A22RB	21277	1910	19	MA
C53FB	21215	1406	16	MD
CN8MC	21332	1757	10	MI
EA8AMX	21262	1835	14	WI
EL2BA	21260	1850	16	CA
FROEH	21280	1827	18	CT
FROEH/J	21280	1840	17	NC
FR5DX	21295	1459	20	NH
FR5EL	21255	1810	18	WI
HH7GE	2			

8 00498 88/10
A A LAUN K3Z0
5801 HUNTLAND ROAD
TEMPLE HILLS MD 20748

FIRST CLASS MAIL

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550

CALENDAR

Issue 423 - Feb. 5, 1988

(Changes and hot info in boldface.)

Amsterdam - FT8Z FT5ZB 3505 2330Z 7007
0030Z/1330 14215 04Z I420
Anguilla - VP2E N6RA Feb. 4-23 CW I420
Aruba - P4 P40GD ARRL CW I421
P4? ARRL SSB M/S I422
Auckland - ZL9 Feb. 5-15 by ZL1AMO I402
Bahrain - A9 A92EM 14025 1330-1400 I421
Baker-Howland KH1 by VK9NS Mar. 25-30 I422
Barbados - 8P 8P9EK ARRL CW I421
8P9X ARRL SSB I423
Belize - V3 V31HQ ARRL SSB I422
V31TP ARRL CW I423
Cayman Is. - ZF ZF2s KE HM BB 2/16-24 I423
Central Afr. Rep TL8HW 20 SSB 20-22Z I422
China - BY 20 M CW/SSB 0030-01Z I423
Christmas - T32 T32BG Feb 17-24 RTTY I423
Falklands - VP8 VP8BNC 14215.5 2330Z I423
Galapagos-HC8 HD8G Feb. 14-18 I422
N6EK, HD8D 2/17-3/6 I423
Grenada - J3 Feb-Mar by K4LTA I406
Guinea-Bissau J5 J52US now! I422
Heard Is. - VK0 VK0HI 14215 0330Z I416
Hong Kong - VS6 VS6DO 3505 1120Z+ I420
Kampuchea - XU XU1SS 14165 1245Z I420
Little Cayman N5KNN Feb. 17-21 I419
Lord Howe- VK9L VK9LF, LM Feb 10-24 I423
Madeira - CT3 CT3CU ARRL tests I423
Marshall Is. KX6 DL1VU/ 7005 1230Z I422
Mauritius - 3B 3B8CF 3507.2 1430Z I420
Mayotte - FH FH8CB 21275 17-1845Z I420
Mexico - XE ARRL CW and SSB I421
Montserrat - VP2M VP2MDC Feb. 15-29 CW I420
VP2MU ARRL SSB I422
Navassa - KP1 N2EDF, K2SG Feb 10-18 I419
N. Antilles - PJ PJ2/W1BIH Now-Mar I416
Nicobar - VU4 Soon by VU2RBI I419
Niger - 5U 5U7/TU4BR 14160 21Z I420
Nigeria - 5N 5N0WRE 15 SSB 1700Z I420

Niue - ZK2 ZK2JS, MB Feb 21-26 I415
Reunion Is. - FR FR5DX 14195 03-04Z I419
Rwanada - 9X 9X5NH 21292 13,1800Z I417
Sao Tome - S92 S92LB 14183 at 2000Z I420
Sierra Leone - 9L 9L1GG 14012 2230Z I421
South Orkney LU/Z LU1ZA 14020 0100Z I420
Tanzania - 5H 5H3RB 15M CW 1700Z+ I419
Togo - 5V 5V7WD 14160 2000Z I421
W. Malaysia - 9M2 9M2AX 3505 2230Z+ I420
W. Samoa - 5W by HB9CVX on CW I422
Willis - VK9Z VK9ZR 14195 1130Z I420
Zaire - 9Q 9Q5NW 21250 1930Z+ I420
1835 kHz at 0430Z I420
9Q5DA 7005 0530Z I421
14003 2130Z 15M CW 2100Z

DX Activities and Contests

Date	Event or Activity	Info
Feb. 20-21	ARRL DX CW Test	QST
Feb. 26-28	CQWW 160M SSB Test	CQ
Mar. 5-6	ARRL DX SSB Test	QST

Reserve Your Island Today!

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following:
N4XX, KH6BZF, AA5C, AB8K, AE1H, K0CVD, K0EDA, K0KES, K1FJ, K1MEM, K1TG, K3ZO, K4BAI, K4LNA, K6LRN, K6ZUR, K7ABV, K8CV, KA1XN, KA7T, KD7SO, KH6HBZ, KJ4VH, KK4LM, KM9J, KR4M, KV4AM, KW0A, N1ACH, N1CIX, N1DYI, N1HN, N1QY, N4KG, N4NO, N9EAJ, NW6P, NX7K, W0YVA, W1CYB, W1FV, W1HH, W1NG, W1NH, W1SD, W3FME, W3HCW, W3KYN, W3MFW, W4VQ, W6AUG, W6JOX, W6UQF, W8GG, WA6FIT, WA7WOC, WA9AQE, WB8SFF, WB8ZRL, WB9HAD, WA8JOC, KA6V, K6ZUR, WW6D, WA6PJR, K1KI, K1TN, K7JA, K9RS, N6EK, K4FJ, K2EWB, KM9J, DX Family News, DX-NL, Lynx DX News, and Inside DX.

Copyright The DX Bulletin. The DX Bulletin (ISSN 0279-8077) is published fifty times per year at P.O. Box 50, Fulton, CA 95439 (707) 523-1001. One-year subscription rates are: \$29 Second Class Mail, \$38 First Class Mail, US\$50 Foreign Airmail. Second-class postage paid at Santa Rosa, CA. POSTMASTER: Send address changes to The DX Bulletin, P.O. Box 50, Fulton, CA 95439.



P.O. Box 50
Fulton, CA 95439
U.S.A.